"(a) INITIATION OF RULEMAKING PROCEEDING.—Not later than 30 days after the date of the enactment of this Act [Dec. 18, 1991], the Secretary shall initiate a rulemaking proceeding to revise the guidelines and establish standards for installation of roadside barriers and other safety appurtenances, including longitudinal barriers, end terminals, and crash cushions. Such rulemaking shall reflect state-of-the-art designs, testing, and evaluation criteria contained in the National Cooperative Highway Research Program Report 230, relating to approval standards which provide an enhanced level of crashworthy performance to accommodate vans, mini-vans, pickup trucks, and 4-wheel drive vehicles.

"(b) FINAL RULE.—Not later than 1 year after the date of the enactment of this Act [Dec. 18, 1991], the Secretary shall complete the rulemaking proceeding initiated under subsection (a), and issue a final rule regarding the implementation of revised guidelines and standards for acceptable roadside barriers and other safety appurtenances, including longitudinal barriers, end terminals, and crash cushions. Such revised guidelines and standards shall accommodate vans, minivans, pickup trucks, and 4-wheel drive vehicles and shall be applicable to the refurbishment and replacement of existing roadside barriers and safety appurtenances as well as to the installation of new roadside barriers and safety appurtenances."

STUDIES RELATING TO ESTABLISHMENT OF STANDARDS FOR RESURFACING, RESTORATION, AND REHABILITATION OF HIGHWAYS AND TO ESTABLISHMENT OF UNIFORM STANDARDS AND CRITERIA FOR TESTING AND INSPECTING HIGHWAYS AND BRIDGES

Section 110(b), (c) of Pub. L. 97-424 provided that:

"(b) The Secretary of Transportation shall enter into appropriate arrangements with the National Academy of Sciences (1) to conduct a study of the safety cost-effectiveness of geometric design criteria of standards currently in effect for construction and reconstruction of highways, other than highways access to which is fully controlled, to determine the most appropriate minimum standards to apply to resurfacing, restoration, and rehabilitation projects on such highways, which study shall include a study of the cost effectiveness of the hot dip galvanizing process for the installation, repair, or replacement of exposed structural and miscellaneous steel, and (2) to propose standards to preserve and extend the service life of such highways and enhance highway safety. The National Academy of Sciences shall conduct such study in cooperation with the National Transportation Safety Board, the Congressional Budget Office, and the American Association of State Highway and Transportation Officials, Upon completion of such study, the National Academy of Sciences shall submit such study and its proposed standards to the Secretary of Transportation for review. Within ninety days after submission of such standards to the Secretary of Transportation, the Secretary shall submit such study and the proposed standards of the National Academy of Sciences, together with the recommendations of the Secretary, to Congress for approval.

"(c)(1) The Secretary of Transportation is directed to coordinate a study with the National Bureau of Standards, the American Society for Testing and Materials, and other organizations as deemed appropriate, (A) to determine the existing quality of design, construction, products, use, and systems for highways and bridges; (B) to determine the need for uniform standards and criteria for design, processing, products, and applications, including personnel training and implementation of enforcement techniques; and (C) to determine the manpower needs and costs of developing a national system for the evaluation and accreditation of testing and inspection agencies.

"(2) The Secretary shall submit such study to the Congress not later than one year after the date of enactment of this section [Jan. 6, 1983]."

EXPENDITURE OF FEDERAL FUNDS FOR HIGHWAY SIGNS USING METRIC SYSTEM

Section 144 of Pub. L. 95–599, as amended by Pub. L. 96–106, §14, Nov. 9, 1979, 93 Stat. 798, which prohibited use of Federal funds for signing solely in the metric system, was repealed by Pub. L. 102–240, title I, §1053, Dec. 18, 1991, 105 Stat. 2001.

MODIFICATION OF PROJECT AGREEMENTS TO EFFECTUATE REQUIREMENT OF FOUR-LANES OF TRAFFIC

Authorization to modify projects agreements entered into prior to September 13, 1966, to effectuate the amendment of this section by Pub. L. 89-574 which added the requirement of four-lanes of traffic, see section 5(b) of Pub. L. 89-574, set out as a note under section 106 of this title.

SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in sections 104, 106, 115, 117, 119, 142 of this title.

## § 110. Project agreements

(a) As soon as practicable after the plans, specifications, and estimates for a specific project have been approved, the Secretary shall enter into a formal project agreement with the State highway department concerning the construction and maintenance of such project. Such project agreement shall make provision for State funds required for the State's pro rata share of the cost of construction of such project and for the maintenance thereof after completion of construction.

(b) The Secretary may rely upon representations made by the State highway department with respect to the arrangements or agreements made by the State highway department and appropriate local officials where a part of the project is to be constructed at the expense of, or in cooperation with, local subdivisions of the State

(Pub. L. 85-767, Aug. 27, 1958, 72 Stat. 894.)

SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in section 101 of this title.

## § 111. Agreements relating to use of and access to rights-of-way—Interstate System

(a) IN GENERAL.—All agreements between the Secretary and the State highway department for the construction of projects on the Interstate System shall contain a clause providing that the State will not add any points of access to, or exit from, the project in addition to those approved by the Secretary in the plans for such project, without the prior approval of the Secretary. Such agreements shall also contain a clause providing that the State will not permit automotive service stations or other commercial establishments for serving motor vehicle users to be constructed or located on the rightsof-way of the Interstate System. Such agreements may, however, authorize a State or political subdivision thereof to use or permit the use of the airspace above and below the established grade line of the highway pavement for such purposes as will not impair the full use and safety of the highway, as will not require or permit vehicular access to such space directly from such established grade line of the highway, or otherwise interfere in any way with the free flow of traffic on the Interstate System. Nothing in this section, or in any agreement entered into under this section, shall require the discontinuance, obstruction, or removal of any establishment for serving motor vehicle users on any highway which has been, or is hereafter, designated as a highway or route on the Interstate System (1) if such establishment (A) was in existence before January 1, 1960, (B) is owned by a State, and (C) is operated through concessionaries or otherwise, and (2) if all access to, and exits from, such establishment conform to the standards established for such a highway under this title.

(b) VENDING MACHINES.—Notwithstanding subsection (a), any State may permit the placement of vending machines in rest and recreation areas, and in safety rest areas, constructed or located on rights-of-way of the Interstate System in such State. Such vending machines may only dispense such food, drink, and other articles as the State highway department determines are appropriate and desirable. Such vending machines may only be operated by the State. In permitting the placement of vending machines, the State shall give priority to vending machines which are operated through the State licensing agency designated pursuant to section 2(a)(5) of the Act of June 20, 1936, commonly known as the "Randolph-Sheppard Act" (20 U.S.C. 107a(a)(5)). The costs of installation, operation, and maintenance of vending machines shall not be eligible for Federal assistance under this title.

(c) MOTORIST CALL BOXES.—

(1) IN GENERAL.—Notwithstanding subsection (a), a State may permit the placement of motorist call boxes on rights-of-way of the National Highway System. Such motorist call boxes may include the identification and sponsorship logos of such call boxes.

(2) Sponsorship logos.—

(A) APPROVAL BY STATE AND LOCAL AGENCIES.—All call box installations displaying sponsorship logos under this subsection shall be approved by the highway agencies having jurisdiction of the highway on which they are located.

(B) SIZE ON BOX.—A sponsorship logo may be placed on the call box in a dimension not to exceed the size of the call box or a total dimension in excess of 12 inches by 18 inches.

- (C) SIZE ON IDENTIFICATION SIGN.—Sponsorship logos in a dimension not to exceed 12 inches by 30 inches may be displayed on a call box identification sign affixed to the call box post.
- (D) SPACING OF SIGNS.—Sponsorship logos affixed to an identification sign on a call box post may be located on the rights-of-way at intervals not more frequently than 1 per every 5 miles.
- (E) DISTRIBUTION THROUGHOUT STATE.—Within a State, at least 20 percent of the call boxes displaying sponsorship logos shall be located on highways outside of urbanized areas with a population greater than 50,000.
- (3) NONSAFETY HAZARDS.—The call boxes and their location, posts, foundations, and mountings shall be consistent with requirements of the Manual on Uniform Traffic Control De-

vices or any requirements deemed necessary by the Secretary to assure that the call boxes shall not be a safety hazard to motorists.

(Pub. L. 85–767, Aug. 27, 1958, 72 Stat. 895; Pub. L. 87–61, title I, §104(a), June 29, 1961, 75 Stat. 122; Pub. L. 95–599, title I, §114, Nov. 6, 1978, 92 Stat. 2697; Pub. L. 100–17, title I, §110(a), Apr. 2, 1987, 101 Stat. 146; Pub. L. 104–59, title III, §306, Nov. 28, 1995, 109 Stat. 580.)

## AMENDMENTS

1995—Subsec. (c). Pub. L. 104-59 added subsec. (c). 1987—Pub. L. 100-17 designated existing provision as subsec. (a), inserted heading for subsec. (a), and added subsec. (b)

1978—Pub. L. 95-599 inserted provision listing situations which would not require the discontinuance, obstruction, or removal of any establishment for serving motor vehicle users.

1961—Pub. L. 87-61 substituted "to use or permit the use of the airspace above and below the established grade line of the highway pavement for such purposes as will not impair the full use and safety of the highway, as will not require or permit vehicular access to such space directly from such established grade line of the highway, or otherwise interfere" for "to use the airspace above and below the established grade line of the highway pavement for the parking of motor vehicles provided such use does not interfere".

VENDING MACHINES; PLACEMENT IN REST, RECREATION, AND SAFETY REST AREAS; STATE OPERATION OF MA-CHINES

Pub. L. 97-424, title I, §111, Jan. 6, 1983, 96 Stat. 2106, provided that notwithstanding section 111 of this title before Oct. 1, 1983, any State could permit placement of vending machines in rest and recreation areas and in safety rest areas constructed or located on rights-ofway of National System of Interstate and Defense Highways [now Dwight D. Eisenhower System of Interstate and Defense Highways] in such State. Such vending machines could only dispense such food, drink, and other articles as the State highway department determined were appropriate and desirable. Such vending machines could only be operated by the State. In permitting the placement of vending machines under this section, the State had to give priority to vending machines which were operated through the State licensing agency designated pursuant to section 2(a)(5) of the Act of June 20, 1936, commonly known as the Randolph-Sheppard Act (20 U.S.C. 107a(a)(5)).

DEMONSTRATION PROJECT FOR VENDING MACHINES IN REST AND RECREATION AREAS

Section 153 of Pub. L. 95-599 authorized Secretary of Transportation to implement a demonstration project respecting placement of vending machines in rest and recreation areas and to report not later than two years after Nov. 6. 1978. on results of such project.

REVISION OF AGREEMENTS RELATING TO UTILIZATION OF SPACE ON RIGHTS-OF-WAY

Section 104(b) of Pub. L. 87–61 authorized Secretary of Commerce [now Transportation], on application, to revise any agreement made prior to June 29, 1961, to extent that such agreement relates to utilization of space on rights-of-way on National System of Interstate and Defense Highways [now Dwight D. Eisenhower System of Interstate and Defense Highways] to conform to section 111 of this title as amended by subsection (a).

## § 112. Letting of contracts

(a) In all cases where the construction is to be performed by the State highway department or under its supervision, a request for submission of bids shall be made by advertisement unless